

**Habitat Features:**

**Size of Primary Area:** 1,578 acres

**Habitat Heterogeneity:** Moderate—slopes are wooded in hardwoods and pine stands and vary from steep to gentle; bottomland are wooded almost completely in hardwoods; floodplain pools and old oxbows are widespread, beaver ponds are occasional but well-developed in some areas; subimpoundments limit availability of large areas of the bottomlands during the winter; Jordan Lake also appears to flood the lower reach of Little Creek during the winter; farmland and old fields border the watershed along significant portions of its boundary.

**Forest Structural Diversity:** Well-developed in non-impounded areas, with levees supporting large patches of *Claytonia*, *Erythronium* and other wildflowers

**Water Sources:** Abundant -- seasonally flooded impoundment; perennial stream; intermittent tributaries; floodplain pools; beaver pond

**Amphibian Breeding Sites:** Abundant ranid tadpoles seen throughout the bottomland; *Ambystoma opacum* larvae were found in one backwater next to the creek but had probably been washed-in from a more isolated pool upstream.

**Denning Sites:** Bank dens noted for beaver; uplands provide sites for other species.

**Big Trees/Large Cavities:** Most trees are 1' dbh or less; trees between 2' to 3' dbh were also noted (e.g., *Carya ovata*, *Quercus rubra*); scattered stands are composed of individuals ranging between 18" - 24" dbh.

**Snags and Logs:** Numerous

**Mast-producing Species:** Oaks, maples, hickories, beeches, hornbeams, elms are all abundant.

**Nectar Sources:** No butterfly plants noted

**Landscape Features:**

**Refuge Shape:** Oblong, following contours of the bottomland

**Refuge Integrity/Fragmentation:** Bottomland is crossed by two roads in Durham County: NC 54 and Farrington Road (SR 1110); wildlife subimpoundments exist on the upstream side of both roads; riprap beneath these bridges probably impedes travel by some species (e.g., deer).

**Proximity to Other Refuges/Existence of Corridors:** Contiguous with the Stage Coach Bottomlands downstream and other tracts of the Jordan Lake gamelands; headwaters upstream in Orange County are fragmented by dense development.